

LISTS OF THE PRINCIPAL INDIGENOUS WEST AUSTRALIAN PLANTS OF ECONOMIC IMPORTANCE AND OF NATURALISED ALIENS AND WEEDS ESTABLISHED IN THE STATE, WITH THEIR VERNACULAR NAMES.

The accompanying lists were prepared at the request of the Commonwealth Institute of Science and Industry by a Committee appointed by the Royal Society of Western Australia. The members of the Committee were:—

Mr. W. B. Alexander, M.A., Keeper of Biology, W.A. Museum (convener).

Mr. C. E. Lane-Poole, Conservator of Forests.

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The Council considered that these lists would be of interest to members of the society and others, and therefore decided to publish them. It is recognised that there are many other plants of some local economic importance which have not been included in the first list, *e.g.*, trees yielding timber used for fencing-posts or fuel, flowering-plants whose seeds are collected for local cultivation or export, and shrubs and grasses which are eaten by stock.

The vernacular names given in the lists are those which the Committee recommends for use in this State. Those for endemic plants are in almost every case names already widely known in the State, though in some few cases where the same plant is known by more than one vernacular name the Committee has chosen the one that seemed most suitable. Of the alien plants only a few have acquired local vernacular names and these have been adopted by the Committee except in cases where they were definitely incorrect. For the remainder the usual British text-book name has been given.

The Council of the Society, recognising that suitable vernacular names for the W.A. wildflowers would help to popularise their study, has asked the Committee to continue its work with power to add to its numbers. The Committee will welcome assistance from any person interested in this subject, and would be particularly grateful to anyone who would send in lists of vernacular names already in use in the district where he or she resides. Communications should be addressed to the Chairman of the Committee, Mr. C. E. Lane-Poole, Forestry Department, Perth.

LIST OF THE PRINCIPAL INDIGENOUS PLANTS OF ECONOMIC IMPORTANCE.

LIST OF THE PRINCIPAL INDIGENOUS PLANTS, ETC.—*continued.*

Scientific Name.	Vernacular.	Value.
<i>Myrtaceæ</i> —(continued)—		
<i>Eucalyptus diversicolor</i> ...	Karri	Timber exported and used locally for many purposes.
<i>Eucalyptus gomphocephala</i> ...	Tuart	Timber used for railway-trucks, bolsters, heavy wheelwright work, timber-jinkers, etc.
<i>Eucalyptus redunca</i> ...	Wandoo	Timber used for purposes similar to Tuart, also for turnery work and telephone and telegraph insulator pins.
<i>Eucalyptus patens</i> ...	Blackbutt	Timber used for coach building.
<i>Eucalyptus calophylla</i> ...	Marri (Red Gum)...	Timber used for poles and fetchels of heavy jinkers, etc. Kino used for tanning containing up to 86 per cent. of tannin, also in medicine.
<i>Eucalyptus ficifolia</i> ...	Scarlet-flowering Gum	Ornamental tree.
<i>Eucalyptus cornuta</i> ...	Yate	Timber used for wagon-work.
<i>Eucalyptus longicornis</i> ...	Morrell	Timber used for coach building and for mine props and fuel on the goldfields.
<i>Eucalyptus salmonophloia</i> ...	Salmon-gum ...	Timber used for mine props and fuel on the goldfields.
<i>Eucalyptus salubris</i> ...	Gimlet	Timber used for mine-props and fuel on the goldfields. Bark contains 18·22 per cent. tannin.
<i>Eucalyptus transcontinentalis</i>	Great Western Gum	Timber used for mine props and fuel on the goldfields.
<i>Eucalyptus Campaspe</i> ...	Silver-topped Gimlet	Timber used for mine props and fuel on the goldfields.
<i>Eucalyptus Clelandi</i> ...	Goldfields Blackbutt	Timber used for fuel on the gold-fields.
<i>Eucalyptus torquata</i> ...	Goldfields Flowering Gum	Timber used for fuel on the gold-fields.
<i>Eucalyptus calycogona</i> var. <i>gracilis</i>	Snap-and-Rattle ...	Timber used for fuel on the gold-fields.
<i>Eucalyptus pyriformis</i> ...	Pear-gum	Timber used for fuel on the gold-fields.
<i>Eucalyptus occidentalis</i> var. <i>astrigens</i>	Mallett	Bark contains 45 per cent. tannin.
<i>Eucalyptus macrocarpa</i> ...	Macrocarpa-gum ...	Ornamental shrub.
<i>Santalaceæ</i> —		
<i>Fusanus acuminatus</i> ...	Quandong	Fruit used in confectionery.
<i>Santalum cygnorum</i> ...	Sandalwood ...	Timber exported to China and Malaya for manufacture of joss-sticks. Distilled, yielding oil used medicinally.
<i>Ebenaceæ</i> —		
<i>Maba humilis</i> ...	Australian Ebony	Timber used for cabinet work, walking-sticks, musical instruments, etc.
<i>Loranthaceæ</i> —		
<i>Nuytsia floribunda</i> ...	W.A. Christmas-tree	Ornamental tree.
<i>Proteaceæ</i> —		
<i>Xylomelum occidentale</i> ...	Native Pear ...	Timber used for cabinet work, do. do.
<i>Banksia verticillata</i> ...	River Banksia ...	Timber used for fuel in Perth.
<i>Banksia littoralis</i> ...	Swamp Banksia ...	do. do.
<i>Banksia grandis</i> ...	Broad-leaved Banksia	do. do.
<i>Banksia Menziesii</i> ...	Banksia	do. do.
<i>Banksia attenuata</i> ...	Narrow-leaved Banksia	do. do.
<i>Banksia ilicifolia</i> ...	Prickly Banksia ...	do. do.
<i>Compositæ</i> —		
<i>Brachycome iberidifolia</i> ...	Swan River Daisy ...	Cultivated for its flowers.
<i>Waitzia aurea</i> ...	Yellow Everlasting ...	do. do.
<i>Helipteron roseum</i> ...	Pink Everlasting ...	do. do.

LIST OF THE PRINCIPAL INDIGENOUS PLANTS, ETC.—*continued.*

Scientific Name.	Vernacular.	Value.
<i>Asclepiadæ</i> —		
<i>Sarcostemma australe</i> ...	Caustic Vine ...	Poison Plant.
<i>Marsdenia Leichhardtiana</i> ...	Dooba ...	Aboriginal Food-plant.
<i>Solanaceæ</i> —		
<i>Nicotiana suaveolens</i> ...	Native tobacco ...	Poison-plant and aboriginal narcotic.
<i>Duboisia Hopwoodi</i> ...	Pituri ...	do. do.
<i>Myoporinæ</i> —		
<i>Myoporum deserti</i> ...	Dog-wood Poison ...	Poison-plant.
<i>Hæmodoraceæ</i> —		
<i>Tribonanthes longipetala</i> ...	Jetta ...	Tuber used as food by aborigines.
<i>Anigozanthus Manglesii</i> ...	Kangaroo-paw ...	Cultivated for its flowers.
<i>Dioscorideæ</i> —		
<i>Dioscorea hastifolia</i> ...	Yam ...	Tuber used as food by aborigines.
<i>Liliaceæ</i> —		
<i>Bulbine semibarbata</i> ...	Native Leek ...	Poison-plant.
<i>Stypandra glauca</i> ...	Blind Grass ...	do.
<i>Xanthorrhœa Preissii</i> ...	Blackboy ...	Gum used in manufacture of varnishes, etc. Distilled, yielding various chemical products.
<i>Xanthorrhœa reflexa</i> ...	Reflexed Blackboy	
<i>Kingia australis</i> ...	Grass-tree ...	
<i>Coniferæ</i> —		
<i>Callitris robusta</i> ...	Cypress Pine ...	Timber used for fence posts in the Kimberley division.
<i>Callitris glauca</i> ...	Desert Cypress Pine	Timber used for fence posts on the Eastern Goldfields and in the Murchison districts.
<i>Rhizospermæ</i> —		
<i>Marsilea Drummondii</i> ...	Nardoo ...	Aboriginal food-plant

LIST OF NATURALISED ALIENS AND WEEDS.

<i>Fumaria officinalis</i> ...	...	...	Fumitory
<i>Reseda Luteola</i> ...	...	...	Yellow-weed
<i>Barbarea praecox</i> (<i>B. vulgaris</i>) ...	...	...	Early watercress
<i>Sisymbrium officinale</i> ...	...	...	Hedge Mustard
<i>Sinapis arvensis</i> ...	...	...	Charlock
<i>Capsella Bursa-pastoris</i> ...	...	...	Shepherd's Purse
<i>Cakile maritima</i> ...	...	...	Sea Rocket
<i>Raphanus Raphanistrum</i> ...	...	...	Wild Radish
<i>Silene gallica</i> ...	...	...	French Campion
<i>Dianthus prolifer</i> ...	...	...	Proliferous Pink
<i>Saponaria vaccaria</i> ...	...	...	Cow Soapwort
<i>Spergula arvensis</i> ...	...	...	Corn Spurry
<i>Cerastium vulgatum</i> ...	...	...	Mouse-ear Chickweed
<i>Stellaria media</i> ...	...	...	Chickweed
<i>Malva rotundifolia</i> ...	...	...	Marsh-mallow
<i>Geranium molle</i> ...	...	...	Dove's Foot Geranium
<i>Erodium moschatum</i> ...	...	...	“ Wild Geranium ”
<i>Pelargonium graveolens</i> ...	...	...	Rose Geranium
<i>Oxalis cernua</i> ...	...	...	“ Sorrel ”
<i>Trifolium procumbens</i> ...	...	...	Hop Clover
<i>Trifolium dubium</i> ...	...	...	Lesser Clover

LIST OF NATURALISED ALIENS AND WEEDS—*continued.*

<i>Trifolium fragiferum</i> ...	...	...	Strawberry Clover
<i>Trifolium tomentosum</i> ...	...	...	Woolly Clover
<i>Trifolium repens</i> ...	...	...	White or Dutch Clover
<i>Trifolium glomeratum</i> ...	...	...	Clustered Clover
<i>Trifolium subterraneum</i> ...	...	...	Subterranean Clover
<i>Trifolium medium</i> ...	...	...	Mammoth Clover
<i>Trifolium pratense</i> ...	...	...	Red Clover
<i>Trifolium arvense</i> ...	...	...	Hare's-foot Clover
<i>Trifolium striatum</i> ...	...	...	Knotted Clover
<i>Trifolium incarnatum</i> ...	...	...	Crimson Clover
<i>Melilotus parviflora</i> ...	...	...	King Island Melilot
<i>Medicago lupulina</i> ...	...	...	Black Medick
<i>Medicago sativa</i> ...	...	...	Lucerne
<i>Medicago maculata</i> ...	...	...	Spotted Medick
<i>Medicago denticulata</i> ...	...	...	Burr Clover
<i>Vicia sativa</i> ...	...	...	Common Vetch
<i>Vicia sepium</i> ...	...	...	Bush Vetch
<i>Lupinus hirsutus</i> ...	...	...	Blue Lupine
<i>Rubus fruticosus</i> ...	...	...	Blackberry
<i>Rosa rubiginosa</i> ...	...	...	Sweetbriar
<i>Oenothera odorata</i> ...	...	...	Evening Primrose
<i>Cucumis myriscarpus</i> ...	...	...	Wild Melon
<i>Opuntia monacantha</i> ...	...	...	Prickly Pear
<i>Senecio vulgaris</i> ...	...	...	Groundsel
<i>Erigeron linifolius</i> ...	...	...	Flax-leaved Fleabane
<i>Inula graveolens</i> ...	...	...	Stinkwort
<i>Cryptostemma calendulaceum</i> ...	...	...	Cape Weed
<i>Tripteris clandestina</i> ...	...	...	Stinking Roger
<i>Onopordon Acanthium</i> ...	...	...	Scotch Thistle
<i>Carduus mariannus</i> ...	...	...	Milk Thistle
<i>Carduus lanceolatus</i> ...	...	...	Spear Thistle
<i>Kentrophyllum lanatum</i> ...	...	...	Woolly Star Thistle
<i>Centaurea solstitialis</i> ...	...	...	Yellow Cockspur
<i>Cichorium Intybus</i> ...	...	...	Chicory
<i>Hypochaeris radicata</i> ...	...	...	Rooted Cat's Ear
<i>Taraxacum officinale</i> ...	...	...	Dandelion
<i>Sonchus oleraceus</i> ...	...	...	Sow Thistle
<i>Sonchus asper</i> ...	...	...	Rough Sow Thistle
<i>Xanthium spinosum</i> ...	...	...	Bathurst Burr
<i>Xanthium strumarium</i> ...	...	...	Noogoora Burr
<i>Anagallis arvensis</i> ...	...	...	Pimpernel
<i>Olea europaea</i> ...	...	...	Olive
<i>Gomphocarpus fruticosus</i> ...	...	...	Cotton Bush
<i>Erythraea Centaurium</i> ...	...	...	Centaury
<i>Cuscuta europaea</i> ...	...	...	Dodder
<i>Echium plantagineum</i> ...	...	...	Paterson's Curse
<i>Solanum sodomeaum</i> ...	...	...	Apple of Sodom
<i>Solanum nigrum</i> ...	...	...	Black Nightshade (poisonous)
<i>Lycium Horridum</i> ...	...	...	African Boxthorn
<i>Datura Stramonium</i> ...	...	...	Thorn Apple (poisonous)
<i>Nicotiana glauca</i> ...	...	...	Tree Tobacco
<i>Linaria elatine</i> ...	...	...	Pointed Toadflax
<i>Bartsia latifolia</i> ...	...	...	Broad-leaved Bartsia
<i>Mentha Pulegium</i> ...	...	...	Pennyroyal
<i>Marrubium vulgare</i> ...	...	...	Horehound
<i>Stachys arvensis</i> ...	...	...	Woundwort
<i>Plantago lanceolata</i> ...	...	...	Rib grass
<i>Chenopodium murale</i> ...	...	...	Nettle-leaved Goosefoot
<i>Chenopodium album</i> ...	...	...	Fat-hen

LIST OF NATURALISED ALIENS AND WEEDS—*continued.*

Rumex Acetosella	...	...	Sheep Sorrel
Rumex pulcher	...	...	Fiddle Dock
Rumex conglomeratus	...	...	Clustered Dock
Rumex crispus	...	...	Curled Dock
Emex australis	...	...	Double-gee
Polygonum aviculare	...	...	Wire Weed
Euphorbia Peplus	...	...	Petty Spurge
Euphorbia terracina	...	...	Carnation Weed
Ricinus communis	...	...	Castor Oil (poisonous)
Urtica urens	...	...	Stinging Nettle
Asphodelus fistulosus	...	...	Onion Weed
Watsonia angusta	...	...	Watsonia
Romulea rosea	...	...	Guildford Grass
Homeria collina	...	...	One-leaved Cape (poisonous)
Homeria miniata	...	...	Two-leaved Cape (poisonous)
Juncus capitatus	...	...	Capitate Rush
Cyperus rotundus	...	...	Nut Grass
Panicum sanguinale	...	...	Crab Grass
Panicum crus-galli	...	...	Barnyard Grass
Paspalum distichum	...	...	Water-couch
Paspalum dilatatum	...	...	Golden Crown Grass
Chloris gayana	...	...	Rhodes Grass
Cynodon Dactylon	...	...	Couch Grass
Hordeum murinum	...	...	Barley Grass
Phalaris canariensis	...	...	Canary Grass
Polypogon monspeliensis	...	...	Annual Beard Grass
Andropogon halepensis	...	...	Johnson Grass
Oryzopsis miliacea	...	...	Many-flowered Millet Grass
Agrostis alba	...	...	Red Top
Ehrharta longiflora	...	...	Veldt Grass
Ehrharta calycina	...	...	Veldt Grass
Holcus lanatus	...	...	Yorkshire Fog Grass
Lolium temulentum	...	...	Drake
Lolium perenne	...	...	Rye Grass
Lolium Italicum	...	...	Italian Rye-grass
Triticum sativum	...	...	Wheat
Secale cereale	...	...	Rye
Avena fatura	...	...	Wild Oat
Avena sativa	...	...	Oat
Aira caryophyllea	...	...	Fairy Grass
Aira minuta	...	...	Fairy Grass
Bromus moximus	...	...	Great Brome
Bromus sterilis	...	...	Sterile Brome
Bromus madritensis	...	...	Madrid Brome
Bromus anioloides	...	...	Prairie Grass
Bromus mollis	...	...	Soft Brome
Briza minor	...	...	Shivery Grass
Festuca bromoides	...	...	Fescue
Dactylis glomerata	...	...	Cocksfoot
Poa annua	...	...	Annual Meadow Grass